

A list of type and figured specimens of insects and other inclusions in Burmese amber

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SYNOPSIS. All type and/or figured inclusions in Burmese amber are listed. Photographs of 24 holotypes, mostly insects described by Cockerell between 1916 and 1920, are published for the first time.

INTRODUCTION

Below is a list of all described and/or figured specimens of insects and other inclusions in Burmese amber, with a bibliography of references to where the species have been cited.

The specimens are housed in the Department of Palaeontology of The Natural History Museum, London. The list of insects follows the higher classification format used by Ross & Jarzembowski (1993). Within each family, the genera and species are listed in alphabetical order, accompanied by the author, specimen number (with the prefix In.), references (in date order), and finally references to the photographs of 24 previously described holotypes that are published here, in colour, for the first time.

Cockerell's (1916–1921) publications are listed in publication date order; however in Cockerell (1917b) species are mentioned before they were formally established.

Some large pieces of amber contain several type specimens and historically each type has been given a separate number; therefore a single piece of amber may have a range of numbers. Where this is the case the range of numbers for the piece of amber is given in brackets after the number for the type. One large block containing type specimens In.19102–23 and In.20149–50 was sliced up into 7 slabs (see Cockerell, 1917d). Slab In.19107–16 was figured in Ross (1998: 13, fig. 32). The 7 slabs (and In.20195, which had broken off In.20150) contain a total of 458 inclusions, belonging to many different taxa (see Rasnitsyn & Ross, this volume) which makes the whole block the richest piece of amber ever recorded. Where more than one inclusion occurs in the same piece of amber but are registered under one number, an additional number is given in brackets.

Spahr (1985) lists *Anthomyia* (s.l.) *laminarum* Cockerell as coming from Burmese amber. This is incorrect, it came from Florissant, Colorado, USA (Cockerell, 1917a).

LIST OF TAXA AND SPECIMENS

INSECTA

Order ZYGENTOMA

Family LEPISMATIDAE

Allocrotelsa burmiticus (Cockerell, 1917) comb. nov. Holotype, In.19119 (In.19117–22).

Cockerell (1917d: 360–361, fig. 2). Flerov *et al* (1974: 104). Zherikhin (1978: 114). Keilbach (1982: 205). Spahr (1990: 17,

18). Poinar (1992: 96). Replacement generic name for *Lampropholis* in Carpenter (1992: 18). Fig. 1.

Order EPHEMEROPTERA

Family PROSOPISTOMATIDAE

Myanmarella rossi Sinitshenkova, this volume. Holotype, In.20173.

Order DERMAPTERA

Family LABIDURIDAE

?*Labidura electrina* Cockerell, 1920. Holotype, In.20146.

Cockerell (1920b: 212, fig. 1). Zherikhin (1978: 114). Keilbach (1982: 210). Spahr (1992: 18, 79). Poinar (1992: 103). Fig. 2.

Order EMBIOPTERA

Family 'BURMITEMBIIDAE'

Burmitembia venosa Cockerell, 1919. Holotype, In.19132.

Cockerell (1919a: 194–195, figs 2, 3). Davis (1939: 369–372, figs 1–6). Ross (1956: 76; 1963: 123). Flerov *et al* (1974: 104). Zherikhin (1978: 114). Keilbach (1982: 210). Spahr (1992: 16, 79). Poinar (1992: 107). Carpenter (1992: 190–191, fig. 122, 1). Szumik (1994: 67). The family name was first used by Zherikhin (1980: 78) but has not been formally established. Fig. 4.

Order ISOPTERA

Family KALOTERMITIDAE

Kalotermes swinhoi (Cockerell, 1916). Holotype, In.19096.

Cockerell (1916: 138, fig. 4). Fletcher (1920: 988, pl. 166, fig. 23). Snyder (1925: 157, Table 1). Emerson (1933: 190). Armbruster (1941: 41). Snyder (1949: 370). Williams (1968: 547–551, figs 1–3). Emerson (1969: 30–31, 34–35). Burnham (1978: 89). Zherikhin (1978: 114). Keilbach (1982: 214). Spahr (1992: 30, 79). Poinar (1992: 104). Nel & Paicheler (1993: 120). Fig. 3.

Kalotermes tristis (Cockerell, 1917). Holotype, In.19103 (In.19102–3).

Cockerell (1917e: 325, 329, fig. 10). Fletcher (1920: 988, pl. 166, fig. 24). Emerson (1933: 190). Armbruster (1941: 40, 41). Snyder (1949: 370). Williams (1968: 547, 549–551, fig. 4). Emerson (1969: 30–31, 35–36). Burnham (1978: 89). Zherikhin (1978: 114). Keilbach (1982: 214). Spahr (1992: 30, 79). Poinar (1992: 104). Nel & Paicheler (1993: 120).

Order **HEMIPTERA**
Family **ACHILIDAE**

'*Liburnia burmitina* Cockerell, 1917. Holotype, In.19105 (In.19104–6).

Cockerell (1917e: 329, figs 8, 9). Fletcher (1920: 988, pl. 166, figs 21, 22). Metcalf & Wade (1966: 113). Keilbach (1982: 230). Spahr (1988: 19, 48). Poinar (1992: 125). Transferred from Delphacidae (Araeopidae) by Shcherbakov, this volume. Fig. 7.

Family **ALEYRODIDAE**

'*Aleurodicus burmiticus* Cockerell, 1919. Holotype, In.19134 (In.19133–4).

Cockerell (1919b: 241, 243, fig. 1). Larsson (1978: 71). Zherikhin (1978: 114). Keilbach (1982: 237). Spahr (1988: 29, 48). Shcherbakov, this volume, considers that the Aleurodicidae are a subfamily of Aleyrodidae.

Burmoselis evelynae Shcherbakov, this volume. Holotype, In.20193.

Family **CIXIIDAE**

Plecothlebus nebulosus Cockerell, 1917. Holotype, In.19094.

Cockerell (1917e: 327–328, fig. 7). Fletcher (1920: 987, pl. 165, fig. 12). Fischer (1965: 56). Zherikhin (1978: 114). Botosaneanu (1981: 73–75, 78, figs 1–3). Keilbach (1982: 310). Wichard (1984: 443). Spahr (1988: 22, 48; 1989: 58). Poinar (1992: 160). Carpenter (1992: 258). Shcherbakov, this volume.

Family **ENICOCEPHALIDAE**

Disphaerocephalus constrictus Cockerell, 1917. Holotype, In.19112 (In.19107–16).

Cockerell (1917d: 361–364, fig. 3). Jeannel (1942: 293–294, fig. 22a). Usinger (1945: 340). Stys (1969: 356–358, 360–361, 363, figs 6–9, photos 4–6). Zherikhin (1978: 114). Keilbach (1982: 227). Spahr (1988: 9, 48). Carpenter (1992: 262). Shcherbakov, this volume.

Disphaerocephalus macropterus Cockerell, 1917. Holotype, In.19123(1).

Cockerell (1917d: 364). Stys (1969: 352, 359–360). Zherikhin (1978: 114). Keilbach (1982: 227). Spahr (1988: 9, 48). Rasnitsyn (1996a: 19). Shcherbakov, this volume. Fig. 8.

Disphaerocephalus swinhoi (Cockerell, 1917d). Holotype, In.19113 (In.19107–16).

Cockerell (1917b: 42; 1917d: 364, fig. 4). Jeannel (1942: 294, fig. 22c). Usinger (1945: 340). Stys (1969, 358–360, figs 6, 10, 11, photos 7, 8). Zherikhin (1978: 114). Keilbach (1982: 227). Spahr (1988: 9, 48). Shcherbakov, this volume.

Paenicotechys fossilis (Cockerell, 1916). Holotype, In.19095.

Cockerell (1916: 135–136, fig. 1). Fletcher (1920: 988, pl. 166, fig. 20). Jeannel (1942: 294, fig. 22b). Usinger (1945: 340). Bekker-Migdisova (1962: 220, fig. 657; 1991: 307, fig. 657). Stys (1969: 353–355, figs 1–5, photos 1–3). Zherikhin (1978: 114). Keilbach (1982: 226). Spahr (1988: 9, 48). Carpenter (1992: 262). Shcherbakov, this volume.

Order **PSOCOPTERA**
Family **PACHYTROCTIDAE**

?*Psylloneura perantiqua* Cockerell, 1919. Holotype, In.19136.

Cockerell (1919b: 241–242, fig. 2). Smithers (1967: 28). Zherikhin (1978: 114). Keilbach (1982: 221). Spahr (1992: 50, 79). Fig. 5.

Family **Psyllipsocidae**

?*Psyllipsocus banksi* Cockerell, 1916. Holotype, In.19097.

Cockerell (1916: 136–138, figs 2, 3). Fletcher (1920: 987, pl. 165, figs 13, 14). Bekker-Migdisova & Vishniakova (1962: 233, fig. 698; 1991: 327, fig. 698). Smithers (1967: 15). Zherikhin (1978: 114). Keilbach (1982: 217). Spahr (1992: 53, 79).

Order **THYSANOPTERA**
Family **LOPHIONEURIDAE**

Burmacypha longicornis Zherikhin, this volume. Holotype, In.20194.

Order **COLEOPTERA**

(Cockerell's type specimens have been examined by P. Hammond (NHM) who considers (pers. comm.) that the generic placement of some species is doubtful. These are indicated by single quotes).

Family **ANTHICIDAE**

Eurygenius wickhami Cockerell, 1917. Holotype, In.19110 (In.19107–16).

Cockerell (1917e: 324–325, fig. 2). Fletcher (1920: 987, pl. 165, fig. 16). Zherikhin (1978: 114). Spahr (1981: 10). Keilbach (1982: 249). Poinar (1992: 135). Ross (1998: 69, fig. 161 (top left)).

Family ?**COLYDIIDAE**

Cryphalites rugosissimus Cockerell, 1917d. Holotype, In.19111 (In.19107–16).

Cockerell (1917b: 43, 45; 1917d: 368, fig. 8). Zherikhin (1978: 114). Spahr (1981: 57). Keilbach (1982: 255). Poinar (1992: 152). Carpenter (1992: 316). P. Hammond (pers. comm.) considers that this species does not belong to the Scolytidae (=Ipidae) or Curculionidae, but may belong to the Colydiidae. Fig. 9.

Family **DERMESTIDAE**

'*Dermestes larvalis* Cockerell, 1917. Holotype, In.19108 (In.19107–16).

Cockerell (1917b: 43, fig. 4; 1917e: 323). Fletcher (1920: 988, pl. 165, fig. 19). Zherikhin (1978: 114). Spahr (1981: 44). Keilbach (1982: 248). Poinar (1992: 143). Fig. 10.

Family **ELATERIDAE**

'*Acmaeodera burmitina* Cockerell, 1917. Holotype, In.19107 (In.19107–16).

Cockerell (1917e: 323, 325, 327, 329, fig. 1). Fletcher (1920: 987, pl. 165, fig. 18). Stys (1969: 357, fig. 6). Zherikhin (1978: 114). Spahr (1981: 14). Keilbach (1982: 248). Poinar (1992: 136). Bellamy (1995: 175–176, fig. 1). Ross (1998: 13, 69, figs 32, 161).

'*Elater burmitinus* Cockerell, 1917. Holotype, In.19102 (In.19102–3).

Cockerell (1917e: 325, fig. 3). Fletcher (1920: 987, pl. 165, fig.

17). Zherikhin (1978: 114). Spahr (1981: 47). Keilbach (1982: 247). Poinar (1992: 144). Fig. 11.

Family RHIPHOPHORIDAE

Myodites burmiticus Cockerell, 1917. Holotype, In.19092. Cockerell (1917a: 22, fig. 6). Fletcher (1920: 987, pl. 165, fig. 15). Zherikhin (1978: 114). Spahr (1981: 87). Keilbach (1982: 250). Poinar (1992: 151). Fig. 12.

Order DIPTERA

Family APSILOCEPHALIDAE

Burmepsilocephala cockerelli Gaimari & Mostovski, this volume. Holotype, In.20167.

Family CECIDOMYIIDAE

Winnertzia burmitica (Cockerell, 1917b). Holotype, In.19114 (In.19107–16). Cockerell (1917b: 41–42, 44, fig. 3). Fletcher (1920: 987, pl. 164, fig. 8). Zherikhin (1978: 114). Keilbach (1982: 346). Spahr (1985: 16, 126). Poinar (1992: 168). Evenhuis (1994: 188).

Family CERATOPOGONIDAE

'*Johannsenomyia*' *swinhoei* Cockerell, 1919. Holotype, In.19133 (In.19133–4). Cockerell (1919b: 243, fig. 3). Zherikhin (1978: 114). Keilbach (1982: 350). Spahr (1985: 19, 126). Szadziewski (1988: 11, 26, 181, 240). Spahr (1989: 16). Poinar (1992: 169). Evenhuis (1994: 253). Borkent (1995: 178). Fig. 13.

Family CHAOBORIDAE

Chaobormus brevisculus Lukasevitch, this volume. Holotype, In.20168, paratype In.20168(1).
?*Chaobormus victimaartis* Lukasevitch, this volume. Holotype, In.20157

Family EMPIDIDAE

Burmitempis halteralis Cockerell, 1917. Holotype, In.19121 (In.19117–22), also In.19106 (In.19104–6). Cockerell (1917d: 367–368, fig. 7; 1917e: 329, fig. 6). Fletcher (1920: 986, pl. 164, fig. 7). Melander (1928: 368). Zherikhin (1978: 114). Chvála (1981: 232). Keilbach (1982: 369). Spahr (1985: 40, 126). Poinar (1992: 180). Carpenter (1992: 444). Evenhuis (1994: 357). Grimaldi & Cumming (1999: 44).
Electrocyrtoma burmanicum Cockerell, 1917. Holotype, In.19099. Cockerell (1917a: 22, fig. 5). Fletcher (1920: 986, pl. 164, fig. 6). Melander (1928: 368). Zherikhin (1978: 114). Kovalev (1978a: 77; 1978b: 355). Chvála (1981: 233). Keilbach (1982: 370). Chvála (1983: 57). Spahr (1985: 42, 126). Poinar (1992: 180). Carpenter (1992: 430). Evenhuis (1994: 347). Grimaldi & Cumming (1999: 51). Fig. 14.

Family KEROPLATIDAE

Burmacrocera petiolata Cockerell, 1917. Holotype, In.19104 (In.19104–6). Cockerell (1917e: 326–327, figs 4, 5). Fletcher (1920: 987, pl. 164, fig. 10). Edwards (1929b: 71). Zherikhin (1978: 114). Keilbach (1982: 331). Spahr (1985: 52, 126). Poinar (1992: 172). Carpenter (1992: 415). Evenhuis (1994: 139).

Family MYCETOPHILIDAE

'*Sciara*' *burmitina* Cockerell, 1917. Holotype, In.19100 (In.19100–1). Cockerell (1917a: 20–21, fig. 3). Fletcher (1920: 987, pl. 165, fig. 11). Zherikhin (1978: 114). Keilbach (1982: 343). Spahr (1985: 108, 127). Poinar (1992: 175). Evenhuis (1994: 173). P. Chandler (pers. comm.) considers that this species does not belong to the Sciaridae, but belongs instead to the mycetophilid subfamily Sciophilinae. Fig. 16.

Family PSYCHODIDAE

Eophlebotomus connectens Cockerell, 1920. Holotype, In.20147. Cockerell (1920b: 212–214, fig. 2). Edwards (1929a: 424, fig.). Tonnoir (1933: 63, fig. 3a). Fairchild (1955: 183, fig. 5). Hennig (1972: 65, fig. 71). Zherikhin & Sukacheva (1973: 44). Flerov *et al* (1974: 103). Zherikhin (1978: 114). Keilbach (1982: 359). Spahr (1985: 97, 127). Poinar (1992: 174). Carpenter (1992: 405, fig. 221, 8). Evenhuis (1994: 192).
Trichomyia swinhoei Cockerell, 1917. Holotype, In.19101 (In.19100–1). Cockerell (1917a: 21, fig. 4). Fletcher (1920: 987, pl. 164, fig. 9). Hennig (1972: 65). Zherikhin (1978: 114). Keilbach (1982: 358). Spahr (1985: 100, 127). Poinar (1992: 174). Evenhuis (1994: 196). Fig. 15.

Family THEREVIDAE

Psilocephala electrella Cockerell, 1920. Holotype, In.20148. Cockerell (1920c: 170). Hennig (1967: 3). Zherikhin (1978: 114). Keilbach (1982: 365). Spahr (1985: 117, 127). Evenhuis (1994: 321). Gaimari & Mostovski, this volume.

Order HYMENOPTERA

Family APIDAE

Trigona (Heterotrigona) devicta (Cockerell, 1921). Holotype, In.20702. Cockerell (1921: 544–545, fig. 4; 1922: 714). Kerr (1948: 241, 247). Kerr & Maule (1964: 10–13). Kelner-Pillault (1969: 525). Flerov *et al* (1974: 104). Zeuner & Manning (1976: 222–224, pl. 2, fig. 9). Kerr & Cunha (1976: 35–36, 38–39, figs 1–4). Wille (1977: 44–45). Burnham (1978: 123). Moure & Camargo (1978: 564–565). Wille (1979: 243). Spahr (1987: 14, 99). Poinar (1992: 215). This specimen is in copal, not amber, Grimaldi *et al* (1995: 262). Michener (1990: 126) considers *Tetragonula* is a junior synonym of *Heterotrigona*.
Trigona (Heterotrigona) iridipennis (Smith, 1854) (extant species). In.43809. Cockerell (1922: 714). Stuart (1923: 84; 1925: 480). Salt (1931: 146). Kelner-Pillault (1969: 525). Flerov *et al* (1974: 103). Zeuner

& Manning (1976: 222–224, pl. 2, fig. 8). Wille (1977: 45). Spahr (1987: 15, 99). This specimen is in copal, not amber, Grimaldi *et al* (1995: 262). Generic combination from Michener (1990: 126).

Family BETHYLIDAE

Apenesia electriphila Cockerell, 1917. Holotype, In.19109 (In.19107–16).

Cockerell (1917b: 44–45, fig. 6; 1917e: 323). Fletcher (1920: 986, pl. 164, fig. 2). Brues (1933: 169). Zherikhin (1978: 114). Keilbach (1982: 269). Spahr (1987: 16, 99).

Bethylitella cylindrella Cockerell, 1917. Holotype, In.19120 (In.19117–22).

Cockerell (1917d: 365–367, fig. 6). Brues (1933: 168). Zherikhin (1978: 114). Keilbach (1982: 268). Spahr (1987: 17, 99). Carpenter (1992: 487). Fig. 19.

Epyris atavellus Cockerell, 1920. Holotype, In.20149(1).

Cockerell (1920a: 274, 276–277, fig. 2). Brues (1933: 168). Zherikhin (1978: 114). Spahr (1987: 17, 99). Fig. 20.

Sclerodermus quadridentatum Cockerell, 1917. Holotype, In.19116 (In.19107–16).

Cockerell (1917b: 42–45, fig. 5). Fletcher (1920: 986, pl. 164, fig. 3). Brues (1933: 169). Zherikhin (1978: 114). Keilbach (1982: 269). Spahr (1987: 20, 99).

Family EVANIIDAE

Mesevania swinhoei Basibuyuk & Rasnitsyn, this volume. Holotype, In.20192

Family FORMICIDAE

Burmomyrma rossi Dlussky, 1996. Holotype, In.19125.

Dlussky (1996a: 87–88, fig. 2a; 1996b: 453, fig. 2a).

Haidomyrmex cerberus Dlussky, 1996. Holotype, In.20182.

Dlussky (1996a: 83–87, fig. 1; 1996b: 449–453, fig. 1). Grimaldi, Agosti & Carpenter (1997: 24–25) doubt the placement of this genus in the subfamily Sphecomyrminae. Fig. 21.

Undetermined. In.20182(1).

Dlussky (1996a: 87, fig. 2b; 1996b: 452, fig. 2b).

Family GASTERUPTIIDAE (Aulacidae)

Electrofoenus gracilipes Cockerell, 1917. Holotype, In.19117 (In.19117–22).

Cockerell (1917d: 364–365, fig. 5). Brues (1933: 157). Zherikhin (1978: 114). Keilbach (1982: 263). Spahr (1987: 15, 99). Carpenter (1992: 474, fig. 256, 1).

Hyptiogastrites electrinus Cockerell, 1917. Holotype, In.19098.

Cockerell (1917a: 19–20, fig. 2). Fletcher (1920: 986, pl. 164, fig. 5). Brues (1933: 157). Zherikhin (1978: 114). Keilbach (1982: 263). Spahr (1987: 16, 99). Carpenter (1992: 474).

Protofoenus swinhoei Cockerell, 1917. Holotype, In.19091.

Cockerell (1917a: 19, fig. 1). Fletcher (1920: 986, pl. 164, fig. 4). Brues (1933: 157). Zherikhin (1978: 114). Keilbach (1982: 263). Spahr (1987: 16, 99). Carpenter (1992: 474, fig. 256, 1). Fig. 22.

Family SERPHITIDAE

Serphites sp. In.20190.

Rasnitsyn (1996a: 20; 1996b: 9). Ross (1997: 24, fig. 2).

Family SPHECIDAE

Apodolichurus sphaerocephalus Antropov, this volume. Holotype, In.20150.

Apodolichurus diaphanus Antropov, this volume. Holotype, In.19123(4).

Burmastatus triangularis Antropov, this volume. Holotype, In.20197.

Cirrosphex admirabilis Antropov, this volume. Holotype, In.19125(1).

Cretampulex gracilis Antropov, this volume. Holotype, In.19123(5).

Cretospilomena familiaris Antropov, this volume. Holotype, In.19136(1), 8 paratypes, In.19136(2–9).

Mendampulex monilicularis Antropov, this volume. Holotype, In.20711.

Prolemistus apiformis Antropov, this volume. Holotype, In.20181.

Trigampulex pervetus (Cockerell, 1917). Holotype, In.19093.

Cockerell (1917c: 79–80, fig. 1). Fletcher (1920: 986, pl. 164, fig. 1). Zherikhin (1978: 114). Spahr (1987: 87, 99). Poinar (1992: 201). Transferred from *Trigonalys* (Trigonalidae) by Antropov, this volume.

Order LEPIDOPTERA

Family MICROPTERYGIDAE

Sabatinca perveta (Cockerell, 1919). Holotype, In.19135.

Cockerell (1919a: 193–194, figs 1a–f). Rebel (1936: 165). Kuznetsov (1941: 12, 17, 69, 86). Skalski (1973: 650; 1976: 204, fig. 2; 1977: 7). Whalley (1977: 526; 1978: 74–75, 77). Larsson (1978: 124). Zherikhin (1978: 114). Kristensen & Nielsen (1979: 141–142). Keilbach (1982: 313). Kozlov (1988: 28). Spahr (1989: 33, 72). Poinar (1992: 161). Fig. 6.

Order TRICHOPTERA

Family HYDROPTILIDAE

Burminoptila bemeneha Botosaneanu, 1981. Holotype, In.20180.

Botosaneanu (1981: 75–78, figs 4–10). Wichard (1984: 443). Spahr (1989: 53, 72). Poinar (1992: 160). Fig. 17.

ARACHNIDA

Order ACARINA

Family CHEYLETIDAE

Cheyletus burmiticus Cockerell, 1917. Holotype, In.19115 (In.19107–16).

Cockerell (1917b: 41–42, fig. 2). Petrunkevitch (1955: 97). Zherikhin (1978: 115). Morris (1980: 32). Keilbach (1982: 192). Poinar (1992: 225). Spahr (1993a: 29, 60). Selden (1993: 307). Fig. 23.

Order CHELONETHI

Family CHEIRIDIIDAE

Electrobisium acutum Cockerell, 1917. Holotype, In.19118 (In.19117–22), also In.19123(3).

Cockerell (1917d: 360, fig. 1). Schawaller (1978: 3, 17). Zherikhin (1978: 115). Morris (1980: 36). Keilbach (1982: 188). Harvey (1990: 334). Poinar (1992: 220). Spahr (1993a: 18, 60). Transferred from the Neobisiidae by Judson (1997: 7, 53). Judson, this volume.

Family OLPIIDAE

Amblyolpium burmiticum (Cockerell, 1920). Holotype, In.20149.

Listed by Spahr (1993: 17, 60). Cockerell (1920a: 274, fig. 1). Petrunkevitch (1955: 82). Schawaller (1978: 3). Zherikhin (1978: 115). Morris (1980: 40). Keilbach (1982: 188). Harvey (1990: 239). Poinar (1992: 220). Spahr (1993a: 17, 60). Transferred from *Garypus* (Garypidae) by Judson (1997: 12, 53). Fig. 24.

Order SCORPIONIDA

Unidentified. In.20174.

Ross (1998: 36, fig. 100).

DIPLOPODA

Order POLYXENIDA

Family SYNXENIDAE

'*Polyxenus*' *burmiticus* Cockerell, 1917. Holotype, In.19122 (In.19117–22).

Cockerell (1917b: 40–41, fig. 1). Condé (1954: 75). Zherikhin (1978: 114). Morris (1980: 45). Keilbach (1982: 201). Spahr (1993a: 53, 60). Sergei Golovach (pers. comm.) considers that this species does not belong to *Polyxenus* or the Polyxenidae. Fig. 18.

GASTROPODA

Unidentified. In.20194(1).

Ross (1998: 22, fig. 59).

VERTEBRATA

SQUAMATA

Unidentified. In.19102–3(1).

Ross (1998: 25, fig. 68).

Plantae

MUSCI

Family HYPNODENDRACEAE

Hypnodendron sp. V.15536

Dixon (1922: 150, figs a–c; 1927: 96). Jovet-Ast (1967: 107, fig. 50). Spahr (1993b: 27).

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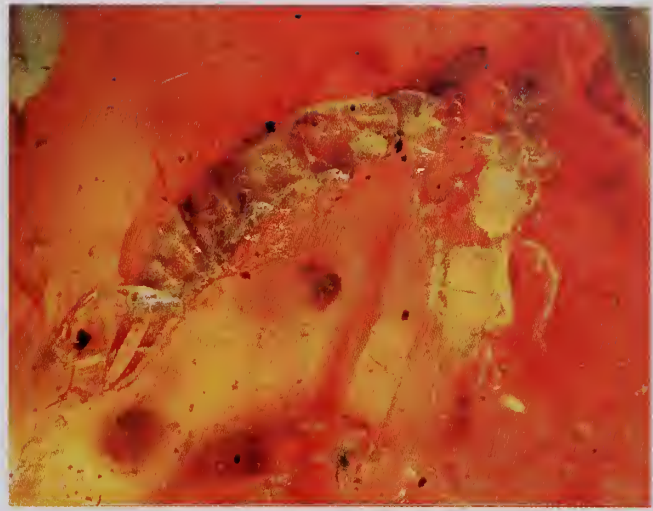
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- Fig. 1 *Allocrotelsa burmiticus* (Cockerell, 1917d) comb. nov. (Zygentoma: Lepismatidae), Burmese amber, holotype, In.19119. Length of body 2.7mm.
 Fig. 2 *?Labidura electrina* Cockerell, 1920b, (Dermaptera: Labiduridae), Burmese amber, holotype, In.20146. Length of head (excluding palps) 0.8mm.
 Fig. 3 *Kalotermea swinhoei* (Cockerell, 1916), (Isoptera: Kalotermitidae), Burmese amber, holotype, In.19096. Length (including wings) 6.0mm.
 Fig. 4 *Burmitembia venosa* Cockerell, 1919a, (Embioptera: 'Burmitembiiidae'), Burmese amber, holotype, In.19132. Length 5.0mm.
 Fig. 5 *?Psylloneura perantiqua* Cockerell, 1919b, (Psocoptera: Pachytroctidae), Burmese amber, holotype, In.19136. Length of forewing 2.4mm.
 Fig. 6 *Sabatinca perveta* (Cockerell, 1919a), (Lepidoptera: Micropterygidae), Burmese amber, holotype, In.19135. Length of body 2.5mm.



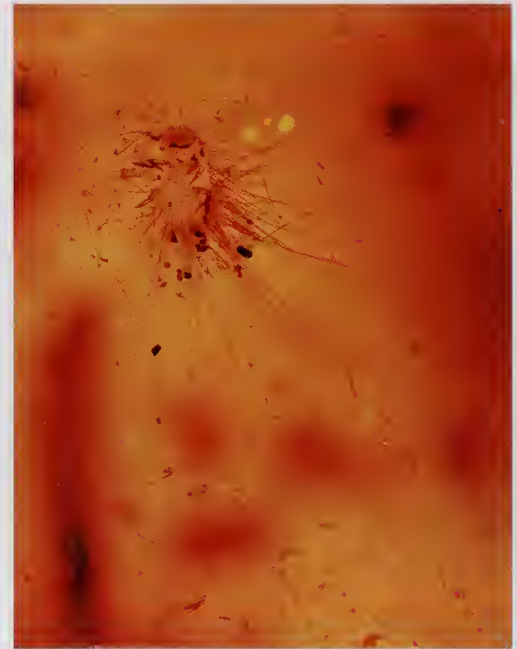
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- Fig. 7 *Liburnia burmitina* Cockerell, 1917e, (Hemiptera: Achilidae), Burmese amber, holotype, In.19105. Length 4.6mm.
 Fig. 8 *Disphaerocephalus macropterus* Cockerell, 1917d, (Hemiptera: Enicocephalidae), Burmese amber, holotype, In.19123(1). Length of wing 2.6mm.
 Fig. 9 *Cryphalites rugosissimus* Cockerell, 1917d, (Coleoptera: ?Colydiidae), Burmese amber, holotype, In.19111. Length 2.3mm.
 Fig. 10 *Dermestes larvalis* Cockerell, 1917e, (Coleoptera: Dermestidae), Burmese amber, holotype, In.19108. Length (excluding hairs) 0.7mm.
 Fig. 11 *Elater burmitinus* Cockerell, 1917d, (Coleoptera: Elateridae), Burmese amber, holotype, In.19102. Length of elytra 7.2mm.
 Fig. 12 *Myodites burmiticus* Cockerell, 1917a, (Coleoptera: Rhipiphoridae), Burmese amber, holotype, In.19092. Length 2.9mm.



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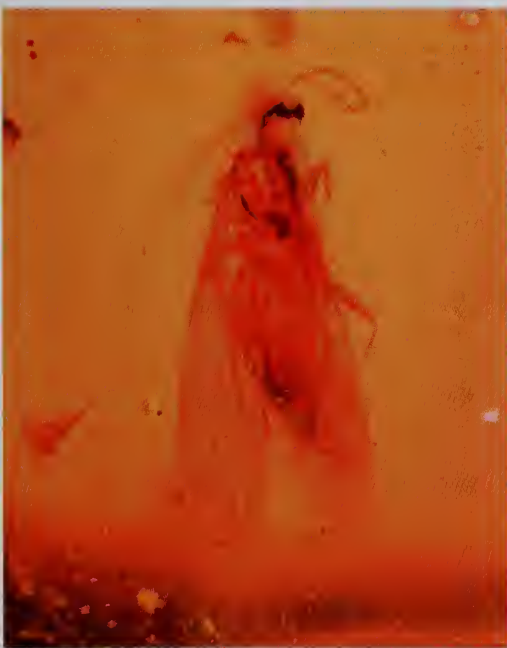
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- Fig. 13 *Johannsenomyia swinhoei* Cockerell, 1919b. (Diptera: Ceratopogonidae), Burmese amber, holotype, In.19133. Length 1.3mm.
 Fig. 14 *Electrocyrtone burmanicum* Cockerell, 1917a. (Diptera: Empididae), Burmese amber, holotype, In.19099. Length 1.2mm.
 Fig. 15 *Trichomyia swinhoei* Cockerell, 1917a. (Diptera: Psychodidae), Burmese amber, holotype, In.19101. Length of body 1.6mm.
 Fig. 16 '*Sciara*' *burmitina* Cockerell, 1917a. (Diptera: Mycetophilidae), Burmese amber, holotype, In.19100. Length (excluding antennae) 3.4mm.
 Fig. 17 *Burminoptila bemeneha* Botosaneanu, 1981. (Trichoptera: Hydroptilidae), Burmese amber, holotype, In.20180. Length 3.0mm.
 Fig. 18 *Polyxenus burmiticus* Cockerell, 1917b. (Diplopoda: Polyxenidae), Burmese amber, holotype, In.19122. Length (excluding hairs) 2.1mm.



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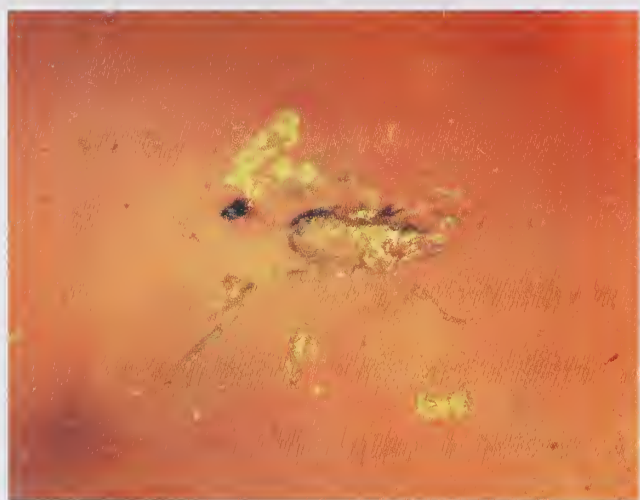
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- Fig. 19 *Bethylitella cylindrella* Cockerell, 1917d, (Hymenoptera: Bethyidae), Burmese amber, holotype, In.19120. Length of thorax 0.9mm.
 Fig. 20 *Epyris atavellus* Cockerell, 1920a, (Hymenoptera: Bethyidae), Burmese amber, holotype, In.20149(1). Length 2.5mm.
 Fig. 21 *Haidomyrmex cerberus* Dlussky, 1996, (Hymenoptera: Formicidae), Burmese amber, holotype, In.20182. Length of antenna 1.5mm.
 Fig. 22 *Protofoenus swinhoei* Cockerell, 1917a, (Hymenoptera: Aulacidae), Burmese amber, holotype, In.19091. Length of wing 3.9mm.
 Fig. 23 *Cheyletus burmiticus* Cockerell, 1917b, (Acarina: Cheyletidae), Burmese amber, holotype, In.19115. Length 0.7mm.
 Fig. 24 *Amblyolpium burmiticum* Cockerell, 1920a, (Chelonethi: Garypidae), Burmese amber, holotype, In.20149. Length of chela 0.8mm